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Date:	December 20, 2004	Fax:	703-872-9306
To:	U.S. Patent and Trademark Office	Phone:	

**Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450**

From:	Carmen C. Cook
Serial No.:	10/801,394
Docket:	STF-S02-045
Re:	Response to Office Action
Pages:	23 (including cover sheet)

Message:

Re: Applicant(s): Ozgur Sahin, Abdullah Atalar, Calvin F. Quate, Olav Solgaard
Assignee: The Board of Trustees of the Leland Stanford Junior University
Title: Harmonic Cantilevers and Imaging Methods for Atomic Force
Microscopy (as amended)
Serial No.: 10/801,394
Examiner: Robert R. Racvis
Docket No.: STF-S02-045

Filed: March 15, 2004
Group Art Unit: 2856

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page);
- (2) Response to Office Action (16 pages);
- (3) Previously submitted Form PTO/SB/08B (1 page);
- (4) One page of Drawings (Figs. 1, 2, 3(a), and 3b);
- (5) Declaration of Applicant Pursuant To 37 C.F.R. 1.132 (3 pages).

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Brian D. Ogonowsky

Carmen C. Cook

David C. Hsiao

Rachel V. Leiterman

December 20, 2004

Via Facsimile
Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Re: Applicant(s): Ozgur Sahin, Abdullah Atalar, Calvin F. Quate, Olav Solgaard
Assignee: The Board of Trustees of the Leland Stanford Junior University
Title: Harmonic Cantilevers and Imaging Methods for Atomic Force Microscopy (as amended)
Serial No.: 10/801,394
Examiner: Robert R. Raevis
Docket No.: STF-S02-045

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Dear Sir:

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- (1) This Transmittal Letter (1 page);
- (2) Response to Office Action (16 pages);
- (3) Previously submitted Form PTO/SB/08B (1 page);
- (4) One page of Drawings (Figs. 1, 2, 3(a), and 3b);
- (5) Declaration of Applicant Pursuant To 37 C.F.R. 1.132 (3 pages).

- ☒ No additional fee is required.
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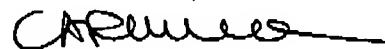
	Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra	Rate	Additional Fee
Total Claims	32	Minus	51	=	0	x \$25	\$ 0.00
Independent Claims	1	Minus	4	=	0	x \$100	\$ 0.00
<input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims per application \$							
<input checked="" type="checkbox"/> Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.							
<input type="checkbox"/> Please charge our Deposit Account No. 502226 in the amount of 0.00							
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I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.


Signature Date December 20, 2004

Respectfully submitted,



Carmen C. Cook
Attorney for Applicant(s)
Reg. No. 42,433

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ozgur Sahin, Abdullah Atalar, Calvin F. Quate, Olav Solgaard
Assignee: The Board of Trustees of the Leland Stanford Junior University
Title: Harmonic Cantilevers and Imaging Methods for Atomic Force Microscopy (as amended)
Serial No.: 10/801,394 Filing Date: March 15, 2004
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San Jose, California
December 20, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed September 23, 2004, Applicant submits the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Amendments to the Drawings begin on page 9 of this paper and include an attached replacement sheet.

Remarks begin on page 10 of this paper.

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